

ASSESSING IMAGE QUALITY

ABSTRACT

Systems and methods of assessing image quality are described. In one scheme for assessing image quality, a target object region is detected in an input
5 image. An image quality feature vector representing the target object region in an image quality feature space is generated. The image quality feature vector is mapped to a measure of image quality. In one scheme for generating an image quality assessment engine, target object regions are detected in multiple input
10 images. Image quality feature vectors representing the target object regions in an image quality feature space are generated. The image quality feature vectors are correlated with respective measures of image quality assigned to the input images. A mapping between image quality feature vectors and assigned measures of image quality is computed.